

DAFTAR PUSTAKA

- Amsyah, Z., 1977, *Manajemen Sistem Informasi*, Gramedia Pustaka Utama, Jakarta.
- Arnab, S., Petridis, P., Dunwell, I., dan de Freitas, S., 2011, Enhancing Learning in Distributed Virtual Worlds through Touch: A Browser-based Architecture for Haptic Interaction, *Serious Games and Edutainment Applications*, Springer, London, pp. 149-167.
- Baron, R. M., & Kenny, D. A., 1986, The moderator–mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations, *Journal of personality and social psychology*, **51**(6), pp. 1173-1182.
- Bergeron, B. P., 2006, *Developing Serious Games*, Charles River Media, Hingham.
- BNPB, 2011, *Pedoman Penggunaan Dana Siap Pakai Pada Status Keadaan Darurat Bencana*, Badan Nasional Penanggulangan Bencana, Jakarta.
- BNPB, 2016, *Info Bencana: Informasi Kebencanaan Bulanan Teraktual edisi Desember 2016*, Badan Nasional Penanggulangan Bencana, Jakarta.
- Bock, Y., Prawirodirdjo, L., Genrich, J. F., Stevens, C. W., McCaffrey, R., Subarya, C., Puntodewo, S. S. O., dan Calais, E., 2013, Crustal Motion in Indonesia From Global Positioning System Measurements, *Journal of Geophysical Research: Solid Earth*, **108** (B8).
- Cicchetti, D. V., 1994, Guidelines, criteria, and rules of thumb for evaluating normed and standardized assessment instruments in psychology, *Psychological assessment*, **6**(4), pp. 284.
- De Freitas, S., dan Liarokapis, F., 2011, Serious Games: A New Paradigm for Education?, *Serious Games and Edutainment Applications*, Springer, London, pp. 9-23.
- De Vaus, D. A., 2002, *Surveys in social research*, Allen & Unwin, Crows Nest NSW.
- Dharma, P., 2016, *Evaluasi Situational Awareness Tingkat Individu dan Kelompok Pada Kondisi Darurat Bencana*, Skripsi Departemen Teknik Mesin dan Industri, Universitas Gadjah Mada, Yogyakarta.
- Endsley, M. R., 1988, Situation Awareness Global Assessment Technique (SAGAT), *Proceedings of the National Aerospace and Electronics Conference*, pp. 789-795.
- Endsley, M. R., 1995, Toward a Theory of Situational Awareness in Dynamic Systems, *Human Factors*, **37**(1), pp. 32-64.

- Endsley, M. R., 2000, Theoretical Underpinnings of Situation Awareness: A Critical Review, SA Technologies. Dalam Endsley, M. R., dan Garland, D. J., (Eds.) *Situation Awareness Analysis and Measurement*, Lawrence Earlbaum Associates, Mahwah.
- Endsley, M. R., 2015, Final Reflections: Situation Awareness Models and Measures, *Journal of Cognitive Engineering and Decision Making*, **9**(1), pp. 101-111.
- Endsley, M. R., Bolte, B., dan Jones, D. G., 2003, *Designing For Situation Awareness: An Approach to User-Centered Design*, CRC Press, Boca Raton.
- Endsley, M. R., dan Jones, W. M., 1997, *Situation Awareness Information Dominance & Information Warfare*, Logicon Technical Services Inc Dayton Oh.
- Endsley, M. R., dan Jones, W. M., 2001, *A Model of Inter- and Inrateam Situation Awareness: Implications for Design, Training and Measurement*. Dalam M. McNeese, E. Salas, dan M. Endsley (Eds) *New Trends in Cooperative Activities: Understanding System Dynamics in Complex Environments*, Human Factor and Ergonomics Society, Santa Monica, pp. 46-67.
- Erfani, M., El-Nasr, M. S., Milam, D., Aghabeigi, B., Lameman, B. A., Riecke, B. E., Maygoli, H., dan Mah, S., 2010, The effect of age, gender, and previous gaming experience on game play performance, *In Human-computer interaction*, Springer, Berlin, Heidelberg, pp. 293-296.
- Garschagen, M., Hagenlocher, M., Comes, M., Dubbert, M., Sabelfeld, R., Lee, Y. J., Grunewald, L., Lanzendörfer, M., Mucke, P., Neuschäfer, O., Pott, S., Post, J., Schramm, S., Schumann-Bölsche, D., Vandemeulebroecke, B., Welle, T., dan Birkmann, J., 2016, World Risk Index, *World Risk Report 2016*, Bündnis Entwicklung Hilft dan UNU-EHS.
- George, S. M., Zhou, W., Chenji, H., Won, M., Lee, Y. O., Pazarloglou, A., dan Stoleru, R., 2010, DistressNet: A Wireless Ad Hoc and Sensor Network Architecture for Situation Management in Disaster Response, *IEEE Communication Magazine*, **48**(3).
- Gunawan, L. T., Alers, H., Brinkman, W. P., dan Neerincx, M. A., 2009, Collaborative Situational Mapping during Emergency Response, *Proceeding of European Conference on Cognitive Ergonomics: Designing beyond the Product --- Understanding Activity and User Experience in Ubiquitous Environments*, pp. 85-91.
- Gunawan, L. T., Alers, H., dan Brinkman, W. P., 2011, Distributed Collaborative Situation Map Making for Disaster Response, *Interacting with Computers*, **23**(4), pp. 308-316.
- Kenny, D. A., Kashy, D. A., & Bolger, N., 1998, Data analysis in social psychology, In D. Gilbert, S. Fiske, & G. Lindzey (Eds.), *The handbook of social psychology*, McGraw-Hill, New York, pp. 233–265.

- Klein, G., 2000, Analysis of Situational Awareness from Critical Incident Reports, Dalam Endsley, M. R., dan Gerland, D. J., (Eds), *Situation Awareness Analysis and Measurement*, Lawrence Erlbaum Associates, Mahwah.
- Laamarti, F., Eid, M., dan Saddik, A. E., 2014, Review Article: An Overview of Serious Games, *International Journal of Computer Games Technology*, 14.
- Leonard, M., Graham, S., & Bonacum, D., 2004, The human factor: the critical importance of effective teamwork and communication in providing safe care, *BMJ Quality & Safety*, 13(1), pp. i85-i90.
- Li, N., Yang, Z., Ghahramani, A., Becerik-Gerber, B., dan Soibelman, L., 2014, Situational Awareness for Supporting Building Fire Emergency Response: Information Needs, Information Sources, and Implementation Requirements, *Fire Safety Journal*, 63, pp. 17-28.
- Liu, H., 2009, Effects of Gender Difference on Emergency Operation Interface Design in Semiconductor Industry, *International Conference on Human-Computer Interaction*, pp. 484-489.
- Ma, C., 2012, *Situational Awareness, Communication, and Teamwork: Re-examining the Role of a Team Display in Wildland Firefighting Command and Control*, Tesis Master in Departemen of Psychology, Carleton University, Ottawa.
- NIEHS, 2016, *Emergency Response*, National Institute of Environmental Health Sciences, <https://www.niehs.nih.gov/health/topics/population/response/>, (akses online: 20 Februari 2017)
- Pasau, G dan Tanauma, A., 2011, Pemodelan Sumber Gempa di Wilayah Sulawesi Utara Sebagai Upaya Mitigasi Bencana Gempa Bumi. *Jurnal Ilmiah Sains*, 11(2), pp. 202-209.
- Reichenbach, S., 2009, Situational Awareness: Key to Emergency Response, *Fire Engineering*, 162(3), pp. 137-140.
- Rustandjaja, N., 2013, *Team Situational Awareness in Firefighting: The Impact of Sudden Obstructions, Building Complexity and Information Availability*, Tesis Master in Departemen of Psychology, Carleton University, Ottawa.
- Salmon, P., Stanton, N., Walker, G., dan Green, D., 2006, Situation Awareness Measurement: A Review of Applicability for C4i environments, *Journal of Applied Ergonomics*, 37(2), pp. 225-238.
- Seppanen, H., Makela, J., Luokkala, P., dan Virrantaus, K., 2013, Developing Shared Situational Awareness for Emergency Management, *Safety Science*, 55, pp. 1-9.
- Shannon, C. E., dan Weaver, W., 1949, *The Mathematical Theory of Communication*, University of Illinois, Urbana.

- Smith, V. L., 1976, Experimental Economics: Induced Value Theory, *American Economic Review*, **66**(4), pp. 274-279.
- Stolovitch, H. D., dan Keeps, E. J., 1992, *Handbook of Human Performance Technology : A Comprehensive Guide for Analyzing and Solving Performance Problems in Organizations*, Jersey-Bass Publisher, San Francisco.
- Sulistiyawati, K., Wickens, C. D., dan Chui, Y. P., 2009, Exploring the concept of team situation awareness in a simulated air combat environment, *Journal of Cognitive Engineering and Decision Making*, **3**(4), pp. 309-330.
- Wobbrock, Jacob. O., Findlater, Leah., Gergle, Darren., dan Higgins, James, J., 2011, The Aligned Rank Transform for Nonparametric Factorial Analyses Using Only ANOVA Procedures, *Proceedings of the SIGCHI conference on human factors in computing systems*, ACM, pp.143-146.
- Wouters, P., van Nimwegen, C., van Oostendorp, H., van der Spek, E. D., 2013, A Meta- Analysis of the Cognitive and Motivational Effects of Serious Games, *Journal of Educational Psychology*, **105**(2), pp. 249-265.
- Yufei, S., dan Kazuo, F., 2002, Team Situational Awareness as a Basis of Team Intention Inference: Definition and Framework, *Proceeding of the 41st SICE Annual Conference*, **3**, pp. 1641-1646.
- Zyda, M., 2005, From Visual Simulation to Virtual Reality to Games, *IEEE Computer*, **38**(9), pp. 25-31.